



032904

01919 U.S. PTO

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	<b>Docket No.</b>	H0498.70112US01
	<b>First Named Inventor or Application Identifier</b>	
	Charles M. Lieber et al.	
	<b>Express Mail Label No.</b>	EV 292458807 US
	<b>Date of Deposit</b>	March 29, 2004

22858 U.S. PTO  
10/8/2004

032904

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b> <b>Mail Stop Patent Application</b> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> <b>Applicant claims small entity status.</b> See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> <b>Specification [Total pages 35]</b> 25 - pages description 1 - pages abstract 9 - pages claims 54 - Total claims</p> <p>4. <input checked="" type="checkbox"/> <b>Drawing(s) (35 USC 113) [Total sheets 14]</b> <input type="checkbox"/> Informal <input checked="" type="checkbox"/> Formal [Total drawings 17]</p> <p>5. <input type="checkbox"/> <b>Oath or Declaration [Total pages 12]</b> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>If 5b is checked the entire disclosure of prior applications, Serial No. 10/033,369 from which an oath or declaration is supplied, is considered as part of the disclosure of the accompanying application as is hereby incorporated by reference therein. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> <p>6. <input checked="" type="checkbox"/> <b>Application Data Sheet, See 37 CFR 1.76</b></p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R, in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies</p> <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>9. <input type="checkbox"/> Assignment Papers/cover sheet &amp; documents(s)</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation of Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Request and Certification Under 35 U.S.C. §122(b)(2)(B)(ii)</p> <p>17. <input checked="" type="checkbox"/> Other: Letter to Examiner _____ _____ _____</p>



01919 U.S. PTO

Docket No. H0498.70112US01

Inventor(s): Charles M. Lieber et al.

Serial No: Not yet assigned

Confirmation No.:

Filed: Herewith

For: NANOSCOPIC WIRED-BASED DEVICES AND ARRAYS

CHECK BOX, if applicable:

☒ DUPLICATE

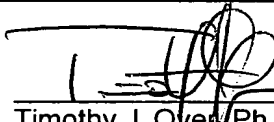
## Fee Calculation Sheet

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
	TOTAL CLAIMS (37 CFR 1.16(c))	54-20=	34x	\$ 18.00	= \$ 612.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	9-3=	6 x	\$ 86.00	= \$ 516.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +			\$	= \$
				BASIC FEE (37 CFR 1.16(a))	\$ 770.00
	Fee for Petition for Extension of Time (if any)				\$ 0.00
	Other Fees (if any)				\$ 0.00
	Total of above Calculations =				\$ 1,898.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				\$ 949.00
	Assignment Recordation Fee (if any)				\$ 0.00
	TOTAL =				\$ 949.00

1. A check in the amount of \$949.00 is enclosed.

## General Authorization to Charge Deposit Account and General Request for Extension of Time

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ ☒ 1.16 or ☒ 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.
- b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ ☐ 1.16 ☐ 1.17 or ☐ 1.18.
3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

  
Timothy J. Over/Ph.D., Reg. No. 36,628  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
(617) 720-3500

Docket No. H0498.70112US01

Date: March 29, 2004

**18. NOTE TO PRACTITIONERS:** If a CONTINUING APPLICATION, supply the requisite priority or continuity information in (1) the body of the application, or in a preliminary amendment, and (2) in an Application Data Sheet under 37 CFR 1.76.

**19. CORRESPONDENCE ADDRESS**

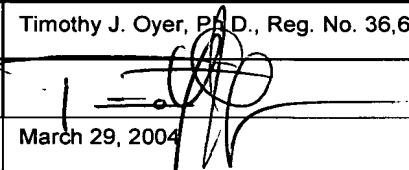
*Correspondence address below*

**CUSTOMER NUMBER:**  
**23628**

**OR (do NOT use both)**

ATTORNEY'S NAME					
FIRM NAME					
ADDRESS					
CITY		STATE		ZIP	
COUNTRY		TELEPHONE		FAX	

20. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Timothy J. Oyer, Ph.D., Reg. No. 36,628
SIGNATURE	
DATE	March 29, 2004

Inventor(s): Charles M. Lieber et al.

Serial No: Not yet assigned

Confirmation No.:

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For: NANOSCOPIC WIRED-BASED DEVICES AND ARRAYS

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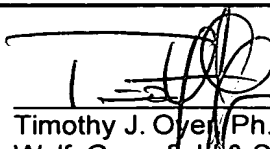
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 Timothy J. Over, Ph.D., Reg. No. 36,628  
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 Boston, MA 02210-2211  
 (617) 720-3500

Docket No. H0498.70112US01  
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**DOCKET NO: H0498.70112US01**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Charles M. Lieber et al.  
Serial No: Not Yet Assigned  
Confirmation No: Not Yet Assigned  
Filed: Herewith  
For: NANOSCOPIC WIRED-BASED DEVICES AND ARRAYS

Examiner: Not Yet Assigned  
Art Unit: Not Yet Assigned

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER TO EXAMINER**

Sir:

This application, while a continuation, is also a divisional in that it includes claims restricted from the parent case, U.S. Patent Application Serial No. 10/033,369.

Respectfully submitted,

By: 

Timothy J. Oyer, Reg. No. 36,628  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2211  
Telephone: (617) 720-3500

Docket No. H0498.70112US01  
Date: 03/29/04  
**xNDD**

*Express Mail Label No. EV 292458807 US  
Date of Deposit: March 29, 2004*

**Express Mail Label No.: EV 292458807 US**  
**Date of Deposit: 03/29/04**

DOCKET NO: H0498.70112US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Charles M. Lieber et al.  
Serial No: Not Yet Assigned  
Confirmation No: Not Yet Assigned  
Filing Date: Herewith  
For: NANOSCOPIC WIRED-BASED DEVICES AND ARRAYS  
  
Examiner: Not Yet Assigned  
Art Unit: Not Yet Assigned

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR APPROVAL AND ENTRY OF FORMAL DRAWINGS**

Sir:

Enclosed for filing are fourteen (14) sheets of FORMAL DRAWINGS, Figures 1 through 17, for the above-referenced patent application.

The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 23/2825.

Respectfully submitted,



Timothy J. Over, Ph.D., Reg. No. 36,628  
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Telephone: (617) 720-3500

Docket No.: H0498.70112US01  
Date: 03/29/04  
**XNDDX**